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Dated: _____

Docket No.: 03391/000G232-US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Guy Reina

Application No.: 09/698,539

Confirmation No.: 5027

Filed: October 27, 2000

Art Unit: 2661

For: METHOD AND DEVICE FOR COMPUTING
ECHO-CANCELLATION COEFFICIENTS
USING FFT

Examiner: S. Blount

INFORMATION DISCLOSURE STATEMENT (IDS)

MS RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each non-patent document on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as

defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

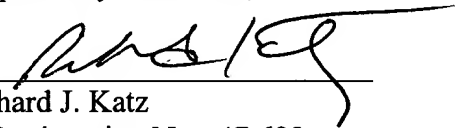
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$1,810.00 covering the fee set forth in 37 CFR 1.17(a)(3) and 1.17(e) is enclosed. The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: June 16, 2005

Respectfully submitted,

By


Richard J. Katz

Registration No.: 47,698

DARBY & DARBY P.C.

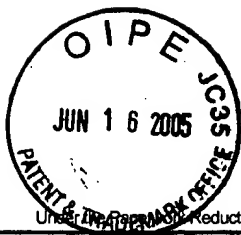
P.O. Box 5257

New York, New York 10150-5257

(212) 527-7700

(212) 527-7701 (Fax)

Attorneys/Agents For Applicant



PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/698,539
				Filing Date	October 27, 2000
				First Named Inventor	Guy Reina
				Art Unit	2661
				Examiner Name	S. Blount
Sheet	1	of	1	Attorney Docket Number	03391/000G232-US0

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-5,917,809	06-29-1999	Ribner et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Echo Cancellation in Speech and Data Transmission, David G. Messerschmitt, IEEE J. Selected Areas in Comm., Vol. SAC-2, No. 2, March 1984, pp.283-297	
	CB	ANSI T1.413-1998 -- Network and Customer Installation Interfaces -- Asymmetric Digital Subscriber Line (ADSL) Metallic Interface, approved November 11, 1998	
	CC	T1E1.4/91-157 -- A Multicarrier Primer, J. Cioffi, Amati Communication Corporation and Stanford University pp. 1-18	
	CD	Discrete Multitone Echo Cancellation, M. Ho et al., IEEE Tran. Communications, Vol. 44, No. 7, July 1996, pp. 817-825	
	CE	Digital Signal Processing Schemes for Efficient Interpolation and Decimation, R.A. Valenzuela et al., IEEE Proceedings, Vol. 130, No. 6, pp. 225-235, December 1983	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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